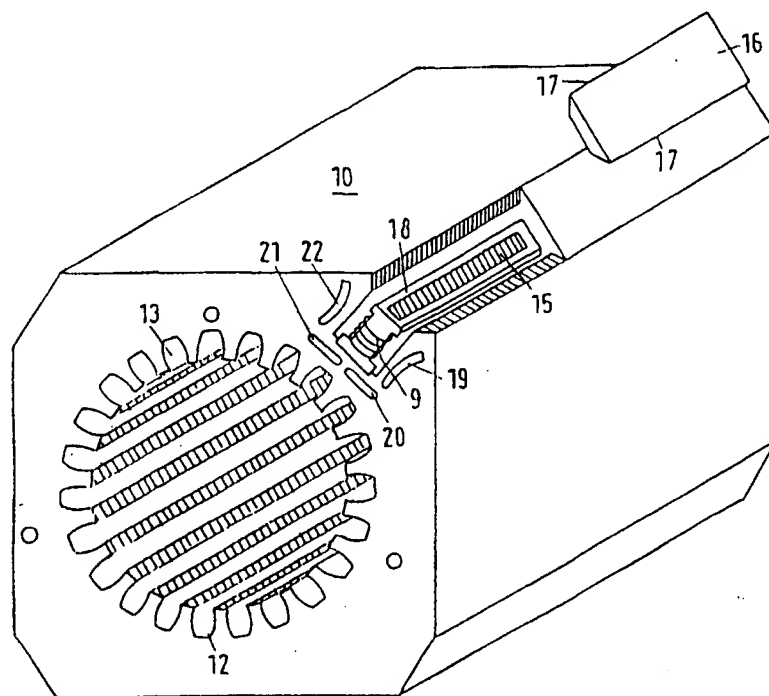




## INTERNATIONAL APPLICATION PUBLISHED UNDER THE PATENT COOPERATION TREATY (PCT)

<b>(51) International Patent Classification<sup>6</sup> :</b> <b>H02K 1/16</b>	<b>A2</b>	<b>(11) International Publication Number:</b> <b>WO 98/29934</b> <b>(43) International Publication Date:</b> 9 July 1998 (09.07.98)
<b>(21) International Application Number:</b> PCT/DK97/00564 <b>(22) International Filing Date:</b> 11 December 1997 (11.12.97) <b>(30) Priority Data:</b> 196 52 186.6      14 December 1996 (14.12.96)      DE <b>(71) Applicant (for all designated States except US):</b> DANFOSS A/S [DK/DK]; DK-6430 Nordborg (DK). <b>(72) Inventor; and</b> <b>(75) Inventor/Applicant (for US only):</b> MATHIASSEN, Ole [DK/DK]; Mjølby 17, DK-6400 Sønderborg (DK). <b>(74) Common Representative:</b> DANFOSS A/S; Patent Dept., DK-6430 Nordborg (DK).		<b>(81) Designated States:</b> AM, AT, AU, BA, BG, BR, BY, CA, CH, CN, CZ, DE, DK, EE, ES, FI, GB, GE, HU, IL, IS, JP, KR, KZ, LT, LU, LV, MD, MK, MX, NO, NZ, PL, PT, RO, RU, SE, SG, SI, SK, TR, UA, US, UZ, VN, YU, Eurasian patent (AM, AZ, BY, KG, KZ, MD, RU, TJ, TM), European patent (AT, BE, CH, DE, DK, ES, FI, FR, GB, GR, IE, IT, LU, MC, NL, PT, SE).  <b>Published</b> <i>Without international search report and to be republished upon receipt of that report.</i>

(54) Title: ELECTRIC MOTOR



## (57) Abstract

The invention concerns an electric motor with a stator (10), in whose bore (13) a rotor is arranged, and with a control arrangement having at least one coil (9) with a core (15) passed by the motor current. The coil shall be arranged in a space saving manner without interfering too much with the magnetic field of the motor. To solve this problem the core (15) of the coil (5, 8, 9) is arranged on the stator (10) whose iron is used for a magnetic circuit.

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## INTERNATIONAL SEARCH REPORT

International application No.

PCT/DK 97/00564

## A. CLASSIFICATION OF SUBJECT MATTER

IPC6: H02K 1/16, H02P 19/00

According to International Patent Classification (IPC) or to both national classification and IPC

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Minimum documentation searched (classification system followed by classification symbols)

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Documentation searched other than minimum documentation to the extent that such documents are included in the fields searched

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Electronic data base consulted during the international search (name of data base and, where practicable, search terms used)

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## C. DOCUMENTS CONSIDERED TO BE RELEVANT

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Y		3-5,8-9
A	abstract	7,10-20
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Date of the actual completion of the international search

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